

Munitions Residue Disposal Process Review (AEDA IPT)



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Background

- ◆ Incident at Dick's Auto Yard in Fontana, CA spurred a DoDIG investigation (March - April 1997)
- ◆ DoDIG tasked USD(A&T) to initiate a review of the management of AEDA (September 1997)
- ◆ USD(A&T) gave DUSD(L) lead for establishing AEDA IPT -- first meeting held in January 1998
- ◆ DUSD(ES) agreed to co-chair IPT in May 1998



AEDA IPT Schedule

- ◆ First AEDA IPT Mtg - January 1998
- ◆ AEDA IPT Chartered - June 1998
- ◆ Rough Draft of Report Completed - October 1998
- ◆ Technical Editing - November 1998
- ◆ IPT Members Comment - December 1998
- ◆ Final Draft Report for Broad Review - April 1999



AEDA IPT Process

- ◆ Divided AEDA into four categories:
 - small arms ammunition
 - live, inert, and practice munitions
 - firing range targets
 - ordnance derived waste (ODW)
- ◆ Analyzed various risk strategies
 - status quo risk acceptance
 - zero risk acceptance
 - managed risk acceptance



AEDA IPT Process (cont.)

- ◆ Identified program elements:
 - policy and policy compliance
 - accountability and responsibility
 - contracting
 - incident reporting
 - training
 - collection, segregation, storage, and security
 - technology



Draft Recommendations Policy/Guidance

- ◆ Adopt managed risk approach and measure performance
- ◆ Policy
 - Develop OSD policy incorporating results of IPT
 - DoD Components implement via joint publication
- ◆ Policy compliance
 - External oversight inspections and/or audits (e.g., ECEs, ESIs)
 - Internal reviews by activity/installation
 - Development of, and adherence to, Standare Operating Procedures
- ◆ Assign accountability and responsibility for AEDA Residue
 - DoD Components whose processes generate AEDA residue
 - Activity/installation CG/CO
 - Lead office assigned based upon capability



Draft Recommendations Management

- ◆ Provide expanded contracting guidance
- ◆ Use existing DLA incident reporting system
 - Require all DoD Components to report incidents
 - Establish standard format for reporting
- ◆ Develop AEDA-specific training requirements
 - Tailor training to job requirements and type of AEDA
- ◆ Improve procedures for collection, segregation, storage, and security
 - Secure area(s) to store AEDA-free material before purchaser pick-up
 - Tag-out procedures that ensure physical inspection of empty containers
 - Segregation/sorting during initial collection from range
 - Appropriately trained inspectors and certifiers
 - Redundant processes to minimize human error



Draft Recommendations Technology

- ◆ **Small Arms and Ordnance Derived Waste**
 - Lower potential explosive safety risk
 - Technology should focus on lowering costs to process
- ◆ **Live, Inert, and Practice Munitions and Targets**
 - Higher potential explosives safety risk
 - Short term - Demonstrate existing technologies such as flashing, shredding, cleaning, crushing or combinations of these
 - Long term - Investigate, demonstrate, and validate technology for inspection of range residue for AEDA items



Next Steps

- ◆ Get IPT report reviewed and approved
- ◆ Develop/modify policy and guidance
- ◆ Begin exploring ways of developing needed technology